

Exhibit PA.1: Countries Participating in the TIMSS Advanced 2015 Physics Assessment and in Earlier TIMSS Advanced Assessments

Country	2015	2008	1995
France	●		●
Italy	●	●	●
Lebanon	●	●	
Norway	●	●	●
Portugal	●		
Russian Federation	●	●	●
Slovenia	●	●	●
Sweden	●	●	●
United States	●		●

● Indicates participation in that testing cycle.

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS Advanced 2015